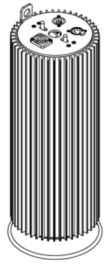


Mini-Pendant Downlight



ELECTRICAL ETL listed with Universal AC input 100 to 277 V. 50/60 Hz. Limited inrush current allows up to sixteen fixtures on a 20 Amp circuit. Quiescent power is less than two Watts with fixture powered on and DMX at level zero. The LED driver has a 200,000 hour mean time between failures.

DIMMING CONTROL Extremely smooth DMX controlled dimming all the way to zero output level. 32 bit processing produces no flicker to the eye or video. White dimming is single channel. RGBW dimming can be 4 or 5 channel. 4 channel (Intensity-R-G-B) or 5 channel (Intensity-Intensity-R-G-B). DMX input is fully isolated to 2500 Volts per microsecond. Internal display for setting parameters and DMX addresses. The DMX controller is RDM enabled for address and mode settings, as well as for monitoring internal temperatures.

LED MODULE The LED modules put out a pleasing, full spectrum light with all the visible colors represented. White is not mixed from colors, but produced from dedicated white LEDs. The RGBW module has 26 white LEDs out of the total 104. LEDs are carefully selected to maintain minimal color variance from fixture to fixture. Manufactured at The Light Source in Charlotte, NC, the LEDs are extensively tested to ensure over a 105,000 hour life to L70. No appreciable IR or UV is produced by the LED module. The LED module is field replaceable utilizing normal hand tools.

OPTICAL Patent pending, single source LED array emulates the look and feel of an incandescent fixture. 4.5" diameter tempered borosilicate glass Fresnel lens produces an extremely smooth light beam with 9 beam angle settings: 81°, 79°, 76°, 73°, 70°, 68°, 65°, 61° & 56°. The beam angles are field adjustable, but can be set for one specific angle at the factory per request. The beam center intensity value spreads evenly to the edge of the beam with a small field, producing low glare.

THERMAL Incredible thermal management keeps the LEDs cool, providing increased brightness and Lumen maintenance. Maximum heat exchange provided with a huge passive convection-cooled aluminum heat sink. Silent operation with no fans to generate noise. Maximum ambient operating temperature is 122 degrees F (50 degrees C).

WARRANTY 10 year parts replacement on complete LED fixture and electronics. Ship the LED fixture to the factory freight prepaid. The LED fixture will be repaired or replaced at the factory's option, and returned freight prepaid. Fixture repair parts may also be sent for qualified repairs onsite.

Damage from improper wiring, installation, and lightning are excluded from warranty repair.

AGENCY RATINGS

ETL listed in US and Canada



Catalog Number Example: MP80W1Z-30EJR-RGB

FIXTURE SERIES	INPUT WATTAGE	FINISH	OPTICAL BEAM ANGLE	-	LED COLOR TEMPERATURE
MP Mini-Pendant	80	B Matte Black Powder Coat	1Z Variable Zoom		27 2700 Kelvin
		BG Semi-Gloss Black Powder Coat			30 3000 Kelvin
		C Custom RAL Color			35 3500 Kelvin
		W Semi-Gloss White Powder Coat			40 4000 Kelvin
					50 5000 Kelvin
		WM Matte White Powder Coat			56 5600 Kelvin
		60 6000 Kelvin			

POWER CONNECTION	DATA CONNECTION	FIXTURE SUPPORT METHOD	-	LED Module
C Conduit into Fixture	I IDC Plug on Header	C 1/2" Rigid Conduit		RGB RGBW LED Module
D DivCon System	J External RJ-45's	D DivCon System		(Blank) White
P Panel Mount Powercon	N Non Dimming Fixture - No Data	K 1/8" Wire Rope		
R 1/2" Romex Cable Clamp	T Screw Terminal Plug on Header	M Mega-Clamp		
W 18/3 SJO 72" Wire Whip	W Wireless Lumen Radio Control	P Purlin Clamp		
	X External 5 Pin XLR's	U 1/2" Adapter Post		
	Z External 3 Pin XLR's	V 3/8" Adapter Post		



The Light Source 4.5 Inch Mini LED Fresnel Quick Facts

Fixture Power and Beam Angle	Input Watts	Photometrics			Distance to Diameter	Candela	Intensity and Beam diameter on floor in feet at different mounting heights in feet													
		Beam	Field	Lumens			Lum/Watt	8	10	12	15	20	25	30	35	40	45	50		
80 Watt 81 Degree Position 1	80	81	118	4,423	48	1.71	2,648	45.9	26.5	18.4	11.8	6.6	4.2	2.9	2.2	1.7	1.3	1.1		
80 Watt 79 Degree Position 2	80	78.9	113	4,341	47	1.65	2,768	43.3	27.7	19.2	12.3	6.9	4.4	3.1	2.3	1.7	1.4	1.1		
80 Watt 76 Degree Position 3	80	76.4	107	4,245	46	1.58	2,915	45.5	29.1	20.2	13.0	7.3	4.7	3.2	2.4	1.8	1.4	1.2		
80 Watt 73 Degree Position 4	80	73.3	102	4,143	45	1.49	3,099	48.4	31.0	21.5	13.8	7.7	5.0	3.4	2.5	1.9	1.5	1.2		
80 Watt 71 Degree Position 5	80	70.7	97	4,021	44	1.42	3,283	51.3	32.8	22.8	14.6	8.2	5.3	3.6	2.7	2.1	1.6	1.3		
80 Watt 68 Degree Position 6	80	67.9	92	3,882	42	1.35	3,458	54.0	34.6	24.0	15.4	8.6	5.5	3.8	2.8	2.2	1.7	1.4		
80 Watt 65 Degree Position 7	80	64.9	88	3,713	40	1.27	3,649	57.0	36.5	25.3	16.2	9.1	5.8	4.1	3.0	2.3	1.8	1.5		
80 Watt 61 Degree Position 8	80	60.9	83	3,518	38	1.18	3,852	60.2	38.5	26.7	17.1	9.6	6.2	4.3	3.1	2.4	1.9	1.5		
80 Watt 57 Degree Position 9	80	56.6	79	3,307	36	1.08	4,086	63.8	40.9	28.4	18.2	10.2	6.5	4.5	3.3	2.6	2.0	1.6		
								8.6	10.8	13.0	16.2	21.6	27.0	32.4	37.8	43.2	48.6	54.0		

Beam angle is to 50% of center intensity, Field angle is to 10% of center intensity. Minimum 80 CRI, Typical 82.5 CRI

Universal Power Input 100-277VAC - 80 Watt wall plug Ratings: 120V .683 amps .995 PF

The Light Source fixtures are available in 2800K, 3000K, 3200K, 3500K, 4000K, 5000K, and 6000K.

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